

United States Patent [19]

Ohlson

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| [54] | METHOD OF MAKING X-RAY PHOTOGRAPHS OR EXPOSURES OR OTHER TYPE OF RADIATION SENSORING, SUCH AS ELECTRONIC IMAGE STORAGE, AND A PATIENT TABLE HAVING A RECEPTOR UNIT FOR SUCH PHOTOGRAPHY, EXPOSURE OR IMAGE |
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| | STORAGE |
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Foreign Application Priority Data

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| [51] | | | 378/11/1:3/0/10/1:3/0/ | | |
| [52] | U.S. Cl | | | | |
| [58] | Field of Se | 279/1 | | | |
| | | 3/6/1 | 209, 187 | | |

References Cited

U.S. PATENT DOCUMENTS

| 4,400,000 | | Ronci | J. G. Z. |
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FOREIGN PATENT DOCUMENTS

463237 B 10/1990 Sweden

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ABSTRACT

A method of X-ray photography or a method of some other type of radiation sensoring, such as electronic image storage. employs the use of a receptor unit (2) which can be swung outwards and upwards from an initial position in or beneath a patient support table (1) about alternative pivot centers (11. 12) disposed in the region of respective side edges of the table to alternative positions for operating with a horizontal beam path. The receptor unit can be swung out about a vertical axis from these positions in which it is parallel with the longitudinal direction of the table to a position in which it is parallel with the longitudinal direction of the table to a position in which the unit is perpendicular to the longitudinal axis of the table, to enable pictures to be taken of a patient seated in a wheelchair, for instance. The invention also relates to a patient support table (1) provided with a receptor unit (2) of this kind.

19 Claims, 9 Drawing Sheets

